

## WHAT IS CLAIMED IS:

- 1           1.     A system for printing target data from a web application  
2     used through a browser of a client computer that is operatively connected to a  
3     web server providing the web application, comprising:  
4                 a client computer having a browser for using the web application;  
5                 a web server for providing the web application;  
6                 a web application content for providing the web application on  
7     said browser; and,  
8                 a print destination server specified by the user for printing the  
9     target data;  
10                wherein the web application content directs the browser to said  
11     print destination server responsive to user print selection.
- 1           2.     The system as defined in claim 1 wherein said web  
2     application content creates and sends a URL request to said web server  
3     responsive to user print selection.
- 1           3.     The system as defined claim 2 wherein said web server  
2     constructs imaging data for the target data upon user print selection.
- 1           4     The system as defined in claim 3 wherein said imaging  
2     data is digital data of the target data that is capable of being represented as two  
3     dimensional graphics.
- 1           5.     The system as defined in claim 1 further comprising a  
2     personal imaging repository for storing data associated with a user profile.
- 1           6.     The system as defined in claim 5 wherein said web  
2     application content transfers data to said personal imaging repository  
3     responsive to print selection.

1           7.     The system as defined in claim 5 wherein said personal  
2 imaging repository is located on said client.

1           8.     The system as defined in claim 5 wherein said personal  
2 imaging repository is located on a store server.

1           9.     The system as defined in claim 5 wherein said personal  
2 imaging repository is an exchange infrastructure between the data and the  
3 available web services.

4           10.    The system as defined in claim 5 wherein said personal  
5 imaging repository comprises an imaging data store assigned to the user profile  
6 for storing imaging data.

7           11.    The system as defined in claim 5 wherein said personal  
8 imaging repository comprises a composition store for storing imaging  
9 compositions of the imaging data that are serviced as a single unit.

10          12.    The system as defined in claim 11 wherein said imaging  
11 composition comprising a link reference for each imaging data that is serviced  
12 as a single unit.

13          13.    The system as defined in claim 1 wherein said print  
14 destination server is indicated by a Uniform Resource Locator in said URL  
15 request.

1           14.    The system as defined in claim 1 wherein said print  
2 destination server sends a print content responsive to said browser being  
3 directed to said print destination server.

1           15.    The system as defined in claim 14 wherein said print  
2 content is for user configuration of printing on said print destination server.

1           16.    The system as defined in claim 15 wherein said print  
2 content transfers said target data with specified configuration to said print  
3 destination server for printing.

1           17. The system as defined in claim 1 wherein said web  
2 application directs said browser of said client computer to the print destination  
3 server.

1           18. A method for printing target data from a web application  
2 used through a browser of a client computer that is operatively connected to a  
3 web server providing the web application, said method comprising the steps of:

4                 sending a web application content by the web server to the  
5 browser responsive to a request for web content by the browser;

6                 sending an URL request for printing the target data responsive to  
7 user print selection on said web application content;

8                 directing the browser to a print destination server indicated by  
9 said URL request by said web application content; and,

10                printing the target data according with user specified print  
11 configuration by said print destination server.

1           19. The method according to claim 18 wherein said step of  
2 sending an URL request further comprising the step of transferring the target  
3 data to a personal imaging repository.

1           20. The method according to claim 18 wherein prior to said  
2 step of sending an URL request further comprising the steps of creating said  
3 URL request according to user selection.

1           21. The method according to claim 18 wherein prior to said  
2 step of directing the browser further comprising the steps of:

3                 determining whether said print destination server is available;  
4 and,

5                 returning an error message when said print destination server is  
6 not available.

1           22. The method according to claim 18 wherein said step of  
2 directing the browser further comprising the steps of:

3           returning print content for print configuration by said print  
4 destination server;

5           accessing the target data by said print content responsive to user  
6 print selection on said print content; and,

7           transferring the target data with specified print configuration to  
8 said print destination server.

1           23. A computer program product comprising a computer  
2 usable medium having computer readable program codes embodied in the  
3 medium that when executed causes a computer to:

4           send a web application content by a web server to a browser  
5 responsive to a request for web content by the browser;

6           send a URL request for printing the target data to a web server  
7 responsive to user print selection on a web application;

8           direct said browser to a print destination server indicated by said  
9 URL request by said web application content; and,

10          print the target data according to user specified print  
11 configuration by said print destination server.

1           24. A computer program product comprising a computer  
2 usable medium having computer readable program codes embodied in the  
3 medium that when executed causes a computer to:

4           send an URL request for printing said target data to a web server  
5 responsive to user print selection on a web application;

6           construct imaging data for said target data by said web server  
7 responsive to said URL request;



9 transferring said imaging data with a specified print configuration  
10 to said print destination server.

1 27. The method according to 25 wherein prior to said storing  
2 said imaging data further comprising the steps of:

3 determining whether said personal imaging repository is located  
4 on said client computer or a store server computer;

5 connecting to said store server when said personal imaging  
6 repository is located on a store server computer;

7 determining whether the connection between said client computer  
8 and said store server computer is successful; and,

9 transferring imaging data to said store server computer by said  
10 client computer.

1 28. A method for printing imaging data from a web  
2 application used through a browser of a client computer that is operatively  
3 connected to a web server providing said web application, wherein said web  
4 application is linked to a personal imaging repository having an imaging data  
5 store for storing the imaging data and a composition store for storing imaging  
6 compositions with links to the imaging data serviced as a single unit, said  
7 method comprising the steps of:

8 requesting to print the imaging data from the web application to a  
9 print destination server by the browser;

10 transferring imaging data to a personal imaging repository by said  
11 web application responsive to the print request by the browser; and,

12 printing the imaging data by the print destination server;

13 wherein said personal imaging repository is an exchange  
14 infrastructure between the imaging data and available web services.

1           29.    The method according to claim 28 wherein said step of  
2 transferring imaging data to a personal imaging repository further comprising  
3 the steps of:

4                connecting with the imaging data store of the personal imaging  
5 repository; and,

6                transferring the imaging data to the imaging data store.

1           30.    The method according to claim 29 further comprising the  
2 steps of:

3                obtaining a link reference of the imaging data stored in the  
4 personal imaging data store; and,

5                disconnecting from the imaging data store by the scanning  
6 device.

1           31.    The method according to claim 29 wherein said step of  
2 connecting with the imaging data store further comprising the steps of:

3                determining whether the connection with the imaging data store  
4 is successful;

5                returning an error message to the user when the connection is not  
6 successful; and,

7                converting the imaging data into a predefined format.

1           32.    The method according to claim 31 wherein said predefined  
2 format is any one from the group consisting of:

3                Joint Photographic Experts Group Format;

4                Graphics Interchange Format;

5                Portable Network Graphics Format;

6                Tagged Image File Format;

7                Portable Document Format; and,

8                Microsoft Windows bitmap format.

1           33. The method according to claim 29 further comprising the  
2 steps of:

3           obtaining a link reference of the imaging data stored in the  
4 personal imaging data store;

5           connecting with the composition store of the personal imaging  
6 repository indicated from the user information;

7           creating an imaging composition having a link reference to the  
8 imaging data stored in the personal imaging data store; and,

9           saving the imaging composition to the composition store.

1           34. The method according to claim 33 further comprising the  
2 steps of:

3           setting the imaging composition as a selected composition  
4 available for access in the composition store; and,

5           disconnecting from the composition store of the personal imaging  
6 repository.

1           35. The method according to claim 33 wherein prior to the  
2 step of creating an imaging composition further comprising the steps of:

3           determining whether the connection with the composition store is  
4 successful; and,

5           returning an error message to the user when the connection to the  
6 composition is not successful.

1           36. The method according to claim 33 wherein said step of  
2 creating an imaging composition further comprising the step of adding the link  
3 reference of the imaging data stored in the imaging data store to the imaging  
4 composition.

1           37. A computer program product comprising a computer  
2 usable medium having computer readable program codes embodied in the



3 medium that when installed in a web application linked to a personal imaging  
4 repository with an imaging data store for storing the imaging data and a  
5 composition store for storing imaging compositions with links to the imaging  
6 data serviced as a single unit, the product causes the scanning device to:

7 request print for the imaging data from the web application to a  
8 print destination server by the browser;

9 transfer imaging data to a personal imaging repository by said  
10 web application responsive to the print request by the browser; and,

11 print the imaging data by the print destination server;

12 wherein said personal imaging repository is an exchange  
13 infrastructure between the imaging data and available web services.